IN THE CLAIMS

Claims 1, 4-11, and 16-25 are currently pending.

Claims 1-15 were originally presented.

Claims 16-25 have been previously added.

Claims 2, 3 and 12-15 have been previously canceled.

Claims 4, 11, 16, and 18-25 are herein amended.

1. **(Previously Presented)**: A method comprising:

reading at least a subset of audio content comprising an audio file from optical media removably integrated with an optical drive, wherein the reading comprises:

reading a sector of audio content, wherein the reading of the sector is based on amplitude information of the sector;

determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and

iteratively repeating the reading step using different sizes, if it is determined if the additional sector reads are necessary;

analyzing at least the read subset of audio content to quantify optical drive read accuracy of the audio content, comprising

comparing a first bundle of audio content from one sector of audio content to a second bundle of audio content from the one sector; and

measuring a difference in amplitude between the first bundle and the second bundle to quantify intra-sector misalignment; and

generating one or more metrics of optical drive read accuracy based, at least in part, on the analysis of the read subset of audio content.

2. **(Canceled)**

3. **(Canceled)**

4. **(Currently Amended)**: A method according to claim [[4]] 1, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

5. **(Original)**: A method according to claim 4, wherein the subsequent bundle is immediately adjacent to the first bundle.

6. **(Original)**: A method according to claim 4, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra- and/or inter-sector misalignment.

7. (**Original**):   A method according to claim 4, wherein analyzing the audio content further comprises:

comparing data associated with a left channel of a bundle with data associated with a right channel of the bundle; and

measuring an amplitude difference between the left channel and the right channel to quantify a channel offset.

8. (**Original**):   A method according to claim 7, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra-sector misalignment and/or the channel offset.

9. (**Previously Presented**):   A method according to claim 1, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and one or more of:

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

measuring an amplitude difference between data associated with a left channel of a bundle and data associated with a right channel of the bundle to quantify channel offset.

10. (**Previously Presented**):   A method according to claim 1, wherein analyzing the audio content comprises:

comparing audio content within and between two adjacent sectors to quantify one or more of intra-sector misalignment, inter-sector misalignment and/or channel offset metrics.

11. (**Currently Amended**):   A computer readable <u>storage</u> medium comprising of executable instructions, the executable instructions comprising:

reading at least a subset of audio content comprising an audio file from optical media removably integrated with an optical drive, wherein the reading comprises:

reading a sector of audio content;

determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and

determining whether additional sector reads are necessary; and

iteratively repeating the reading step using different sizes, if it is determined if the additional sector reads are necessary;

analyzing at least the read subset of audio content to quantify optical drive read accuracy of the audio content; and

generating one or more metrics of optical drive read accuracy based, at least in part, on the analysis of the read subset of audio content.

~~reading a sector of audio content, wherein the reading of the sector is based on amplitude information of the sector;~~

~~determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and~~

Claims 12-15 (**Canceled**).

16. (**Currently Amended**):   A method according to claim 1, wherein the reading of the sector based on amplitude information of the sector, is based <u>on</u> ~~known~~ a priori amplitude information.

17. (**Previously Presented**):   A method according to claim 16, wherein the a priori amplitude information is compared to a theoretically correct amplitude.

18. (**Currently Amended**):   The computer readable <u>storage</u> medium of claim 11, wherein analyzing the audio content comprises:

comparing a first bundle of audio content from one sector of audio content to a second bundle of audio content from the one sector; and

measuring a difference in amplitude between the first bundle and the second bundle to quantify intra-sector misalignment.

19. (**Currently Amended**):   The computer readable <u>storage</u> medium

of claim 18, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

20. (**Currently Amended**): The computer readable <u>storage</u> medium of claim 19, wherein the subsequent bundle is immediately adjacent to the first bundle.

21. (**Currently Amended**): The computer readable <u>storage</u> medium of claim 19, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra- and/or inter-sector misalignment.

22. (**Currently Amended**): The computer readable <u>storage</u> medium of claim 19, wherein analyzing the audio content further comprises:

comparing data associated with a left channel of a bundle with data associated with a right channel of the bundle; and

measuring an amplitude difference between the left channel and the right channel to quantify a channel offset.

23. (**Currently Amended**):   The computer readable <u>storage</u> medium of claim 22, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra-sector misalignment and/or the channel offset.

24. (**Currently Amended**):   The computer readable <u>storage</u> medium of 11, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and one or more of:

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

measuring an amplitude difference between data associated with a left channel of a bundle and data associated with a right channel of the bundle to quantify channel offset.

25. (**Currently Amended**):   The computer readable <u>storage</u> medium of claim 11, wherein the reading of the sector is based on amplitude information of the sector.